

ABSTRACT

An arrangement for sensing a frontal impact of a motor vehicle includes a plurality of impact sensors which are connected to a control device and are integrated into a bumper of the motor vehicle. The impact sensors each include first contact sensor elements which face the front of the vehicle, and second contact sensor elements which face away from the front of the vehicle and are each spaced apart from one another essentially in the longitudinal direction of the vehicle. The contact sensor elements can be used to generate an acceleration signal or speed signal when there is a vehicle impact, and constitute units which are respectively separate from one another and between which a free cavity which forms a measured section is provided.